33/2016-17.

ಪ್ರ.ಸ.ಂ.ಾರ್ಷಿಕ-05
ಂದು ಎತರಿಸಿ.

353201 ರಿಂದ 353300
ರಿಸಿ.

Executive Engineer
Narayanapura Division
BMP, Bangalore-92
02/12

I st And Final Bill

Work code - 005-16-0000095

Est cost Rs - 44.00 Lacs

M. A. R. 57 (Rule 116) Measurement Book No. B

BR-35/2016-17

Serial No. Improvements to Road and Drains At Balaji - 353201

Name of Work Kruba Layout From in Ward no 05 To Byatarayanapura Sub division

Name of Contractor of nature of Agency K. NARASIMHA RAJU SBR-16/28 to A

Date of commencement of work Bhadrappa Layout. B-Zone-94.

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order no - EE/BTP/BBMP/E-PMT/216/2015-16. date: 16-2-16.						
	(1) Earthwork in Surface excavation in ordinary soil for leveling and covering the ground moderately (over burden for foundation & building -ings trenches road drains and trenches & Pipeline and cable) and removing the excavated stuff to a distance not exceeding 50 mtr and upto 1.00 mtr excavated Surface leveled and neatly pressed disposed earth to be carried after shoring &						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Clods and nearly dressed as per specification. As per Pre-measurement recorded vide Page No.. 353257 to 353262 in Rig MB.					587.04 M³	
	Rate. 130:00						76315:20
(2)	Earth work Excavation for foundation & buildings Sewerage Water supply Sanitary line and electrical Conduit either in pits or in trenches 1.50 mm and above in width in hard soil not exceeding 1.50 mm in depth including dressing						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	the bottom and Sid... the excavated soil ... up to 50 mm after exc... As per Pre. M... Page no.. 353... Rate. 200:38	

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		as per specification.	
		Measurment recorded vide	
		7 to 353262 in this MB.	
		587.04 M3	
		76315:20	
		Foundation & buildings	
		story line and electrical Conduit	
		600 mm and above in width	
		mm in depth including Excess	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353202

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	the bottom and sides & ends and footings stacking upto the excavated soil clear from edges & excavation with Leads upto 50 mtr after breaking & clods compressed as per specification. As per Pre. measurment recorded vide Page no.. 353262 to 353262					101.25 M3 in this MB.	20288247
	Rate. 200:38						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(3)	Removing B S slabs & drains and stacking ese. Compleate as per specification. As per Pre-measurement recorded vide page no. 353263 to 353265 in this MB.					3228.72 M^2	161436.00
	Rate. 50.00						
(4)	Re-fixing stone slabs & drains and pointing in CM 1:3 ese. Compleate as per specification. Quantity vide item no. (3)						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Rate. 70.00
(5)	Providing granite and fixed in cement ese.. Compleate 7. 11.14 cmts

ENT BOOK

Dimensions			Contents	Reference to last Measurement
gth	Breadth 5	Depth 6	7	8
rains and stacking exe-				
cation.				
easurement recorded				
353263 to 353265 in this MB.				
			3228.72 m²	161436
raining and pointing in CM 1:3				
ca tion.				
em no. (3)				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353203

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
						3228.72 m²	
	Rate. 70.00						226010.40
(3)	Providing Granite slabs of selected quality roughly dressed and fixed in cement Mortar 1:6 including fixing cramps ete.. Complete 7.5 cms thick ete.. Complete as per specification.						
	11th cross	1	30.00	1.65	-	49.50	
		1	30.00	1.65	-	49.50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	1.65	-	49.50	
		1	30.00	1.65	-	49.50	
		1	30.00	1.65	-	49.50	
		1	30.00	1.65	-	49.50	
	8th cross. L. side	2	30.00	1.65	-	99.00	
	9th cross L. side-	2	25.00	1.65	-	82.50	
	R. side	2	24.00	1.65	-	79.20	
	10th cross L. side-	1	30.00	1.65	-	49.50	
						607.20	

M. A.
Me

Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	R. side	2
		2
		2
	C & RC 22.98 sft 12 6 2017 Rate 600 : 00	
(6)	Providing laying Sp Stone aggregate to premixing to mecadam	

OK

Depth 6	Contents 7	Reference to last Measurement 8
	49.50	
	49.50	
	49.50	
	49.50	
	99.00	
	82.50	
	79.20	
	49.50	
	607.20	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353204

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	R. Side	2	30.000	1.65	-	99.00	
		2	20.000	1.65	-	66.00	
		2	21.000	1.65	-	69.30	
						841.50	
	C/RC 20.98 shw 12/6/2017 Rate 600:00					Limit 807.18 M²	
						Chandrudu 12/6/17	484308:00
	(6) Providing laying spreading and compacting graded stones aggregate to wet mix macadam specification including premixing to material with water at one mechanical mixplant						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Carriage & Mixed material & tipper to site laying in uniform layers with paver in order the desired density compose as per specification exe. compose. As per pre. measurement recorded vide Page No.. 353265 to 353269 in this MB. Page. 1380.00					1223.00 m^3	1687740.00
(7)	Providing and applying Primer Coat from 7.5 to 9.8 kg and 9.8 to 12.20 kg per 10 sqm to surface & level and medium porosity asphalt spray over prepared surface & from						

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	base with cut back bitumen emulsion diesel as per specification cover spray asphalt including cost & all me per specification. As per pre. me Page no.. 35326 Page. 30.00	

Contents 7	Reference to last Measurement 8
...e laying in ...ne the desired ...m esn concrete. ...recorded vide ...9 in this MB. 1223·00 m³	1687740·00
...rom 7·5 to 9·8 m ...Surface & lean and ...ved Surface & grade	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353205

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	base with cut back sand mix 70 or any other bitumen mixed with diesel as per programme heated in bitumen boiler fitted with spray set (pressure cleaning & road surface) including cost & all materials carriage maneuvers complete as per specification. As per pre. measurement recorded vide Page no.. 353269 to 353273 Rate. 30·00					bitumen mixed in this MB. 6115·00 m²	183450·00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(8)	Providing and laying semi dense bituminous Concrete 25mm thick with 100 - 120 TPH batch type HMP producing an average output of 75 tonnes per hour using Crushed aggregate of Specified grading Premixed with Bitumen binder of 4.5 to 5% & Mixed and laid by transporting Paver finisher HM sensors Conforming to the required grade level and alignment rolling with smooth wheeled vibratory and tandem roller to achieve Compaction in all respects.						
	8th cross. L-Side -	1	30.00	$\frac{(7.0+6.95)}{2}$ x 0.025		5.23	
			30.00	$\frac{(6.95+5.55)}{2}$ x 0.025		4.68	
						9.91	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	9th cross. L-Side

OK

Depth 6	Contents 7	Reference to last Measurement 8
- bi determining Concrete der type JMP Producing hows using Crushed mixed with Stemming Mangessing Power Required Grade ish severed highway ase in all respects.		
25)		
025	5.23	
55)	4.68	
025		

9.91

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353206

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 9.91 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	30.00	(5.55 + 5.60) / 2	× 0.025	4.28	
		1	30.00	(5.60 + 5.30) / 2	× 0.025	4.08	
		1	30.00	(5.30 + 5.50) / 2	× 0.025	4.05	
		1	2.60	5.50	0.025	0.35	
	9th cross. L-side	1	30.00	(3.40 + 3.75) / 2	× 0.025	2.68	
		1	30.00	(3.75 + 3.60) / 2	× 0.025	2.75	

C&FC 98/10

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

28.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	(3.60 + 4.30) / 2	x 0.025	2.96	
	C/F.C. 98/10	1	30.00	(4.30 + 3.85) / 2	x 0.025	3.05	
	R-side -	1	20.00	(3.85 + 4.90) / 2	x 0.025	2.18	
		1	30.00	(7.10 + 5.85) / 2	x 0.025	4.81	
		1	30.00	(5.85 + 5.70) / 2	x 0.025	4.33	
		1	30.00	5.70	0.025	4.27	
		1	30.00	(5.70 + 5.60) / 2	x 0.025	4.23	
						53.83	

Serial No. .....

Name of Work ..... Fro

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	10M Crack - L-side. C/F.C. 98/10	1 1 1

K

pth 6	Contents 7	Reference to last Measurement 8
	28.2	
	2.96	
	3.05	
	2.18	
	4.81	
	4.33	
	4.27	
	4.23	
	53.83	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 353207

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	10M Crack - L. side.	1	24.40	(5.60+6.70)/2	×0.025	3.75	
		1	30.00	(6.0+5.10)/2	×0.025	4.16	
	C&R.L.	1	30.00	(5.10+5.70)/2	×0.025	4.05	
		1	30.00	(5.70+6.35)/2	×0.025	4.81	
	[illegible]	1	30.00	(6.35+6.05)/2	×0.025	4.65	
		1	29.30	(6.05+5.90)/2	×0.025	4.37	
						79.32	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	79.32	
1	2	3	4	5	6	7	8
	10th Cross R. Side.	1	30.00	$\frac{(5.50+5.40)}{2}$	x0.025	4.08	
		1	30.00	$\frac{(5.50+5.40)}{2}$	x0.025	4.08	
	C&FC. 28/10	1	30.00	$\frac{(5.80+5.30)}{2}$	x0.025	4.16	
	[illegible]	1	[illegible]	$\frac{(5.30+6.10)}{2}$	x0.025	4.27	
		1	15.00	6.10	0.025	2.28	
	10th A Cross.	1	30.00	$\frac{(6.60+5.55)}{2}$	x0.025	4.55	
		1	30.00	$\frac{(5.55+5.30)}{2}$	x0.025	4.06	
						106.8	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	10th B. Cross -	1
	C&FC. 28/10	1
	11th Cross.	1

BOOK

ns adth 5	Depth 6	Contents 7	Reference to last Measurement 8
		79.32	
50+5.40)			
2	X0.025	4.08	
0.+5.40)			
	X0.025	4.08	
0+5.30)			
	X0.025	4.16	
0+6.10)			
	X0.025	4.27	
	0.025	2.28	
+5.55)			
	X0.025	4.55	
+5.30)			
	X0.025	4.06	
		106.88	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353208

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 106.88 7	Reference to last Measurement 8
		1	5.00	(5.30+5.20)/2	X0.025	0.65	
	10th B. Cross -	1	30.00	(5.30+5.20)/2	X0.025	4.01	
	(Left. 8/10)	1	30.00	(5.20+5.70)/2	X0.025	4.08	
		1	7.70	(5.70+6.20)/2	X0.025	1.49	
	ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು						
	11th Cross.	1	30.00	(4.80+5.20)/2	X0.025	3.75	
						120.43	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	120.43	
1	2	3	4	5	6	7	8
		1	30.00	(5.20 + 5.60) / 2 x 0.025		3.82	
			30.00	(5.60 + 5.80) / 2 x 0.025		4.08	
		1	30.00	(5.80 + 5.20) / 2 x 0.025		4.12	
		1	30.00	(5.20 + 5.60) / 2 x 0.025		4.05	
		1	30.00	(5.60 + 5.70) / 2 x 0.025		4.23	
		1	30.00	(5.70 + 5.40) / 2 x 0.025		4.16	
		1	25.70	(5.40 + 6.10) / 2 x 0.025		3.66	
						148.55	

M. A. R.
Measu

Serial No. .....
Name of Work ..... From....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Main Road.	1
	Rate - ₹400 : 00	
(9)	Lead for Disposal of Garage slabs by Mec and unloading from o... Quarry side Sh...	

BOOK

dth	Depth 6	Contents 120.43 7	Reference to last Measurement 8
	+5.60		
	×0.025	3.82	
	+5.80		
	×0.025	4.08	
	+5.20		
	×0.025	4.12	
	+5.60		
	×0.025	4.05	
	+5.70		
	×0.025	4.23	
	+5.40		
	×0.025	4.16	
	+6.10		
	×0.025	3.66	
		148.55	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353209

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 148.55 7	Reference to last Measurement 8
	Main Road.	1	21.00	(8.60+8.45)/2	×0.025	4.47	
	Rate - 8400 : 00					Limit 152.88 m³ 153.02	1284192 : 00
(9)	Lead for Disposal & Dressing shall be Payable as Carriage Rates by Mechanical means including loading and unloading From 0.00 to 2.00 K.M. Quantity vide Item no. (1) and (2)						Thousand 20/6/17

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	C/F C		(587.04 + 101.25)		=	688.29 m^3	
28.2.2018	Rate. 60.00						41297.40
28/6/2018 Assistant Executive Engineer Byatarayanapura Sub Division B.B.M.P Bangalore-560024	all measurements as per Final settlement.					Total Rs	4165000.00
	Certificate.						
	① Certified that the work done satisfactory						
	② This bill Amount has not been claimed in any of previous bill.						

Assistant Executive Engineer
Byatarayanapura Sub Division
Bangalore-560024

M.

Serial No. .....
Name of Work ..... Asphalt Work
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
	Right Side / Left Side	

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
	=	688·29 m^3	
			41297 = 40
		Total Rs 4165000 = 00	
		Thandavaf	
		28/6/17	
		ue work done Satisfac	
		has not been claimed	
		ng bill.	

28/6/17
Executive Engineer
Byatarayanapura Sub Division
Bangalore-560024

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353210

INDEX

Serial No. .....

Name of Work Asphalt Work From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work ..... Balaji Krupa Layout

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Right Side						
	MAIN ROAD						
	Left Side						
	Cross A						
	Cross B						
	Cross C						

Thandavaf

28/6/17
Assistant Executive Engineer
Byatarayanapura Sub.Division
B.M.P. Bangalore-560024

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Cor	Reference to last measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6		8

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. ₹ 4165.000-0

ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 318235-0

ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 3846765-0

Rs Thirty eight-Lakh forty six thousand seven hundred sixty five

ಮಾಡಿಕೊಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧಿಕ್ಷಕರು

ಜಿ. ಪಂ. ಬೆ.

ಜಿಲ್ಲಾ ಪಂಚಾಯತ್

ಬೆ. ಪಂ. ಮಂ.

98/10

98/10

Tender R. 41,65,000-0

1% IT - 41650-0

4% VAT - 166600-0

1% Cess - 41650-0

0.1% CBT - 4165-0

LR - 54145-0

Rate - 100 25-0

Add. 318235-0

Cheque: 38,46,765-0

M. A. R

Meas

Serial No. .....

Name of Work ..... From...

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3